

MADAGASCAR

Midongy-Atsimo District, Atsimo Atsinanana Region

IMAGERY ANALYSIS: 24/02/2022 PUBLISHED 04/03/2022 V1.

ANALYSED AREA

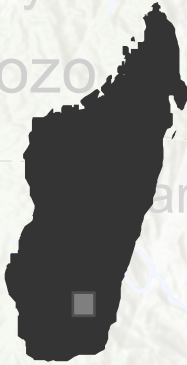
1,200km²

FLOODS EXTENT IN CLOUD FREE ZONE

90km²

POPULATION POTENTIALLY EXPOSED

5,000



Satellite detected water extents in Midongy-Atsimo District, Atsimo Atsinanana Region, Madagascar as of 24 February 2022

This map illustrates satellite-detected surface waters in Midongy-Atsimo District, Atsimo Atsinanana Region, Madagascar as observed from a Sentinel-2 image acquired on 24 February 2022 at 10:00 local time. Within the analyzed area about 1,200 km², a total of about 90 km² of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 5,000 people are potentially exposed or living close to flooded areas.

This is a preliminary analysis that has not yet been validated in the field. Please send ground feedback to United Nations Satellite Centre (UNOSAT).

Legend

City/Town

River

Region boundary

District boundary

Commune boundary

Analysis extent

Cloud mask

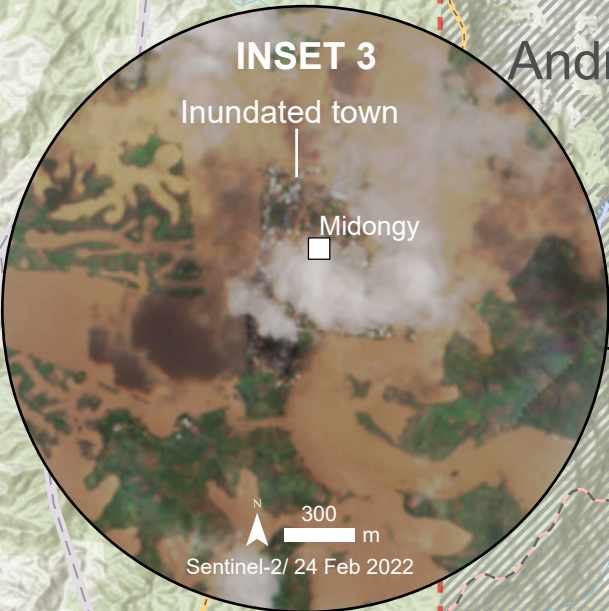
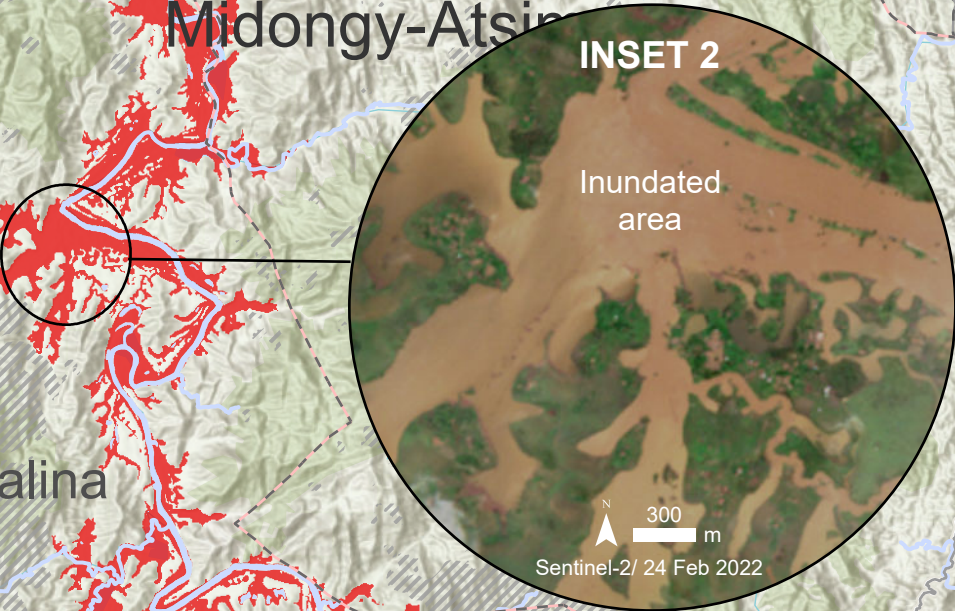
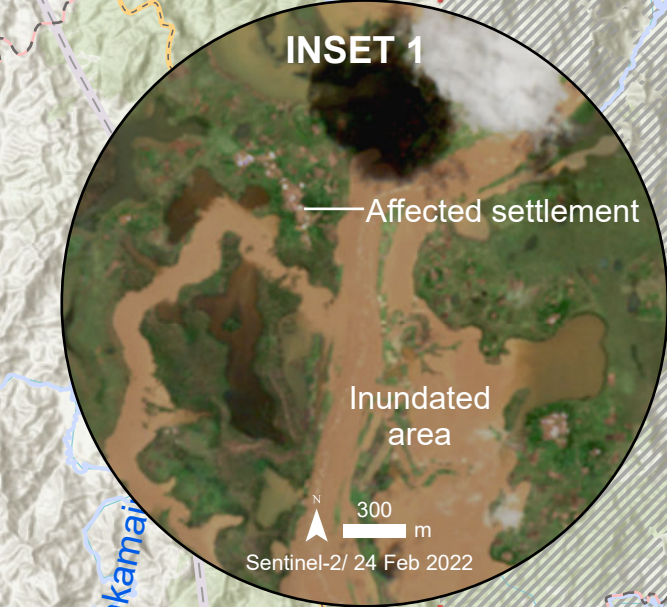
Reference water

Satellite detect water [24 Feb 2022]



Map Scale for A3: 1:155,000

0 1.25 2.5 5 KM



Region	District	Commune	Analyzed area in cloud free zone (km ²)	Flood Extent (km ²)	Population in Analyzed area	Population Potentially Exposed to Floods	Population Potentially Exposed (%)
Atsimo Atsinanana	Midongy-Atsimo	Andranolalina	157	22	6,300	1,240	20%
		Ivondro	257	54	8,210	2,270	28%
		Maliorano	140	9	4,770	400	8%
		Nosifeno	41	7	4,200	1,000	24%
Total			596	93	23,480	4,910	21%